

15-193-20140

State Geological Survey

DRILLER'S LOG

WICHITA BRANCH

COMPANY: Gulf Energy & Minerals Company - U.S.

SEC. 35 T. 7S R. 31W

LOC. C NE NE NE

WELL NAME: HAROLD RALL #1

COUNTY: Thomas

RIG NO. 2

TOTAL DEPTH 4681'

ELEVATION

COMMENCED: 6-8-77

COMPLETED: 6-20-77

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" set @ 417.78 w/ 125 sx. 50/50 poz., 16% gel, 3% salt, 2% cc.
3/4 of 1% CFR2 and 100 sx. common, 3% cc.

PRODUCTION: 5 1/2" set at 4406' w/ 125 sx. 50/50 poz., 2% gel.

LOG

(Figures Indicate Bottom of Formations)

| | |
|---------------------------|-------------|
| Top Soil, Clay and Sand | 280 |
| Sand and Shale | 427 |
| Shale | 2655 |
| Anhydrite | 2715 |
| Shale | 2880 |
| Shale and Lime | 3420 |
| Lime and Shale | 3635 |
| Lime | 3810 |
| Shale and Lime | 4045 |
| Lime | 4681 |
| <u>Rotary Total Depth</u> | <u>4681</u> |

STATE OF KANSAS
STATE CORPORATION COMMISSION - CONSERVATION DIVISION
245 North Water
Wichita, Kansas 67202

FORM C-2

DATA AND AFFIDAVIT

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137 and 55-138, 1947 Supplement to G. S. Kansas 1935)

LEASE OWNER Gulf Energy & Minerals Company

OFFICE ADDRESS 800 Three Twenty Four Bldg. - 324 Robinson - Oklahoma City, Oklahoma 73102

LEASE NAME Harold Rall WELL NO. 1 COUNTY Thomas

EXACT SPOT LOCATION C NE NE NE SEC. 35 TWP. 7S RGE. 31 (W) (E)

CONTRACTOR Rains & Williamson Oil Co., Inc.

OFFICE ADDRESS 435 Page Court - 220 W. Douglas - Wichita, Kansas 67202

Drilled with (Cable) or (Rotary) tools: Date pipe set 6-9-77

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4" Csg. (new) or (used) Size 8 5/8" Wt. 24#

Depth 418' Where set 417.78'

METHOD OF CEMENTING

Cement: Amount and kind 125 sx. 50/50 poz., 16% gel, 3% salt, 2% cc. 3/4 of 1% CFR2 & 100 sx. common, 3% cc.

Method: (By Service Co., Dump, Tog., etc.) Service Co.

Est. Height Cement behind pipe Cement circulated

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum _____

Name of lowest fresh water producing stratum _____

Surface elevation of well _____

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)